

Approved by
 RECTOR:
 (Prof. Dr. Zapryan Kozludzhov)
 Academic Council Minutes No 18/24.04.2017

CURRICULUM

Area of higher education: **NATURAL SCIENCES, MATHEMATICS AND INFORMATICS (4)**
 Professional stream: **INFORMATICS AND COMPUTER SCIENCE (4.6)**
 Degree programme: **BUSINESS INFORMATICS WITH ENGLISH - 2 years**
 Educational and qualification degree: **MASTER**
 Professional qualification: **INFORMATICIAN**
 Mode of study: **FULL-TIME**
 Official length of programme: **2 YEARS**

Dean of FMI:
 (Prof. Dr. Anton Iliev)
 Faculty Council Minutes No 17/19.04.2017

CURRICULUM DETAILS:

Course	CHL	LwS	Sw	L	B	L	B	w	SS	T	C	TA	AY	TR	Tn
FIRST ACADEMIC YEAR	300	114	11	14	1.4	1.7	2.1	7	1500	1800	60				
<i>Autumn trimester</i>	<i>112</i>	<i>44</i>	<i>4</i>	<i>0</i>	<i>0</i>	<i>68</i>	<i>6.8</i>	<i>488</i>	<i>600</i>	<i>20</i>					
Operating Systems	28	16	1.6	0	12	1.2	152	180	6	Ex 1	A	1			
Data Structures and Programming	42	14	1.4	0	28	2.8	168	210	7	Ex 1	A	1			
Object-Oriented Programming	42	14	1.4	0	28	2.8	168	210	7	Ex 1	A	1			
<i>Winter trimester</i>	<i>98</i>	<i>28</i>	<i>3</i>	<i>14</i>	<i>1</i>	<i>56</i>	<i>5.6</i>	<i>502</i>	<i>600</i>	<i>20</i>					
Databases	42	14	1.4	0	28	2.8	168	210	7	Ex 1	W	2			
Discrete Mathematics	28	14	1.4	14	1.4	0	182	210	7	Ex 1	W	2			
Practicals in Java	28	0	0	0	0	28	2.8	152	180	6	CA1	W	2		
<i>Spring trimester</i>	<i>90</i>	<i>42</i>	<i>4</i>	<i>0</i>	<i>0</i>	<i>48</i>	<i>4.8</i>	<i>510</i>	<i>600</i>	<i>20</i>					
Artificial intelligence	30	14	1.4	0	16	1.6	180	210	7	Ex 1	S	3			
Software technology	30	14	1.4	0	16	1.6	180	210	7	Ex 1	S	3			
Computer Networks and Communications	30	14	1.4	0	16	1.6	150	180	6	Ex 1	S	3			
SECOND ACADEMIC YEAR	300	160	16	90	9	50	5	1500	1800	60					
<i>Autumn trimester</i>	<i>100</i>	<i>40</i>	<i>4</i>	<i>20</i>	<i>2</i>	<i>40</i>	<i>4</i>	<i>350</i>	<i>450</i>	<i>15</i>					
English for Working with a Multinational Company	30	10	1	20	2	0	0	120	150	5	Ex 2	A	4		
Web-Based Programming	40	30	3	0	0	10	1	110	150	5	Ex 2	A	4		
Practicals	30	0	0	0	0	30	3	120	150	5	CA2	A	4		
<i>Winter trimester</i>	<i>110</i>	<i>70</i>	<i>7</i>	<i>40</i>	<i>4</i>	<i>0</i>	<i>0</i>	<i>370</i>	<i>480</i>	<i>16</i>					
Company practice	20	20	2	0	0	0	0	70	90	3	Ex 2	W	5		
Project Management and Analysis	30	20	2	10	1	0	0	90	120	4	Ex 2	W	5		
Practicals in Business Communication in English	30	0	0	30	3	0	0	120	150	5	CA2	W	5		
Elective No 1	30	30	3	0	0	0	0	90	120	4	CA2	W	5		
<i>Spring trimester</i>	<i>90</i>	<i>50</i>	<i>5</i>	<i>30</i>	<i>3</i>	<i>10</i>	<i>1</i>	<i>780</i>	<i>870</i>	<i>29</i>					

Commercial Web Application Development	30	20	2	0	0	10	1	120	150	5	Ex 2	S	6
Practicals in English for Project Management	30	0	0	30	3	0	0	120	150	5	CA2	S	6
Elective No 2	30	30	3	0	0	0	0	90	120	4	CA2	S	6
Development and Defence of a Thesis Paper or Preparation for and Taking the State Examination	0	0	0	0	0	0	0	450	450	15	Ex 2	S	6

TOTAL	60027427	10410	22222	30003600120
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KEY:

CH – contact hours; L – lectures; Lw – lectures per week; Se – seminars; Sw – seminars per week; LB - labs; LBw - labs per week; SS – self-study; T – total; C – ECTS credits; TA – type of assessment; AY – academic year; Tr – trimester; Tn – trimester number; Ex – exam; CA – continuous assessment; A – Autumn, W – Winter, S – Spring